



SERVICE INFORMATION LETTER

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OXYGEN - ATA CHAPTER 35

VENDOR CODE: 53655

PROPER USE OF THE REGULATOR ON-OFF KNOB ON P/N 3552 SERIES AND 806326 SERIES PORTABLE OXYGEN CYLINDER ASSEMBLIES (POCAs)

1. BACKGROUND

- A. Some previous heavy weight portable oxygen units have proportional valves that can provide a higher flow rate the more the regulator on-off knob (knob) is turned.
- B. The new lightweight POCA does not have a proportional valve. At this time there are only two flow rates. The POCA will flow at 2 lpm when at the detent with the "2" in the window and the POCA will flow at 4 lpm when at the detent with the "4" in the window. There is a mechanical stop at the 4 liter position in addition to the detent. If a high torque is used to turn the knob past the setting of "4", the flow of oxygen can stop.

2. EFFECTIVITY

- A. Aircraft
This SIL affects any aircraft with a P/N 3552 Series or P/N 806326 Series POCA installed.
- B. This SIL applies to all P/N 3552 Series or P/N 806326 Series POCAs in spares storage or in a maintenance shop wherever the knob will be operated.

3. ACCOMPLISHMENT OF SIL

- A. Immediate compliance with this SIL is recommended.
- B. Every person who may operate a POCA should be trained to properly turn the knob.

(1) Use your fingers to turn the knob not your hand (see Figure 1A).

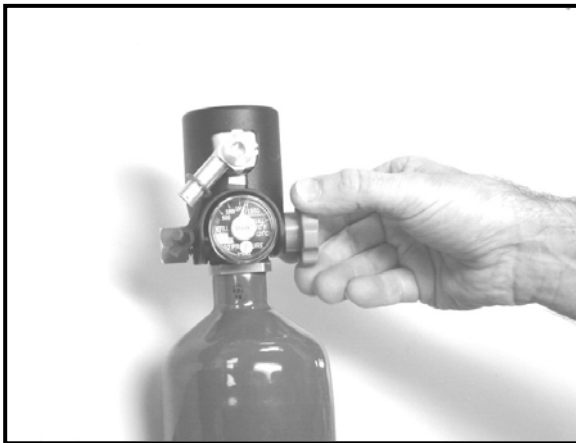


Figure 1A



Figure 1B



WARNING: THE APPLICATION OF TOO HIGH A TORQUE TO THE POCA KNOB CAN STOP THE FLOW OF OXYGEN COMPLETELY WHICH CAN CAUSE INJURIES TO PERSONS AND DAMAGE TO EQUIPMENT.

- (2) Do not force the knob past the stop at the 4 lpm setting. Do not use the hand or fist to turn the knob (see Figure 1B). If you try to turn the knob past the detent at 4 lpm, you can damage the POCA and cause injury to a person who is breathing with the POCA. Trying to turn the knob past the detent at 4 lpm will not provide a higher flow but may stop the flow of oxygen completely. Attempting to turn the knob past the 4 lpm position by applying force to the knob may damage the regulator and stop the flow of oxygen. Once damaged the knob will readily go past the "4" position and flow will stop. Damaged regulators should be serviced by an authorized service center.

4. TO CONTACT AVOX SYSTEMS:

Use the contact information below to get a copy of a CMM or the revision status of a publication. Give the AVOX Systems part number and the aircraft model when you request a CMM copy.

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